

R. F. Hibbs Named New President Of Nuclear Division

Wilcox Named Technical Director As Trammell Heads K-25 Development

Promotions of two staff members of Union Carbide's Nuclear Division have been announced by Roger F. Hibbs, president of the division.

William J. Wilcox, former superintendent at K-25's Development Division has been named technical director for the Nuclear Division's production facilities — at Y-12 and the gaseous diffusion plants at Paducah and Oak Ridge. He succeeds Paul R. Vanstrum, now Nuclear Division vice president.

Herbert E. Trammell, formerly in charge of K-25's barrier development program, succeeds Wilcox as superintendent of the Development Division at K-25.

development Division at K-25.

Wilcox, a native of Allentown, Pennsylvania, came to Oak Ridge in 1943 with Tennessee Eastman Corporation and worked six years at Y-12 before transferring in 1949 to K-25. At ORGDP he advanced from technical assistant to the laboratory division director, to head of the physics department from 1957-67, and then in 1967 to superintendent of the gaseous diffusion development division.

He has been involved in many aspects of the technology of the gaseous diffusion process of producing enriched uranium, especially in characterizing barrier structure and in materials development for various applications.

Wilcox holds a bachelor's degree in chemistry from Washington and Lee University, Lexington, Virginia; and a master's degree in industrial management from The University of Tennessee, Knoxville. He has been active in community affairs, serving on the vestry of St. Stephen's Episcopal Church, with three terms as senior warden; twice as president of Pine Valley PTA; on City Council's advisory board on human resources; and two terms on the board of trustees for the Oak Ridge Hospital of the Methodist Church.

He is married to the former Eugenia Holder, and they have three children. They live at 412 New York Avenue, Oak Ridge.

A native of Laurel, Mississippi, Trammell attended the University of Mississippi, where, after interruption for service in the Navy during World War II, he received BA and MA degrees in physics.

In 1949, he started to work for Union Carbide at K-25 and has been involved in barrier research and development work there since that time. From 1960-65, he was in charge of the physical measurements department. In 1967 he was made responsible for the entire barrier development program.

Also active in civic and church affairs, Trammell is currently a member of the board of directors of the Emory Valley School, president-elect of the Oak Ridge High School PTA, and chairman of the council on ministries of the First United Methodist Church. He is also past president of Elm Grove PTA and has served as chairman of both the building council and finance committee of First United Methodist Church.

He is married to the former Jane Walker, and they have four children. They live at 104 Oglethorpe Place, Oak Ridge.

Vanstrum Named Vice President



Paul R. Vanstrum

Paul R. Vanstrum has been appointed vice president in charge of production for the Nuclear Division, Union Carbide Corporation.

Vanstrum, who has been technical director for the production plants of the Nuclear Division, succeeds Roger F. Hibbs whose appointment as president of the Nuclear Division is announced by Birny Mason Jr., chairman of the Board of Union Carbide.

In his new position, Vanstrum will be responsible for the operations of the gaseous diffusion plants at Oak Ridge and Paducah, Kentucky, and the Oak Ridge Y-12 Plant.

Vanstrum began his career with Union Carbide Corporation in 1942 at the Speedway Indiana laboratories, following which he worked with a group at Columbia University on development of the gaseous diffusion process. He transferred to Oak Ridge later that year and has been a member of the technical management staff for ORGDP since that time.

U-235 Contributions

He has made significant contributions to isotope separation technology and particularly to the gaseous diffusion process for the separation of enriched uranium. Improvements made under his direction have saved hundreds of millions of dollars in the production of uranium-235 and have been an important factor in making possible low-cost nuclear power.

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ROGER F. HIBBS

'Native' Y-12er Assumes Helm Of 4 AEC Plants

The appointment of Roger F. Hibbs as president of the Nuclear Division, Union Carbide Corporation, has been announced by Birny Mason Jr., chairman of the Board of Union Carbide.

Hibbs, who has been vice president in charge of production for the Nuclear Division since 1967, succeeds Dr. Clarence E. Larson, who has been appointed to a five-year term on the U. S. Atomic Energy Commission.

In his new position, Hibbs will have overall responsibility for the four facilities Union Carbide operates for the U. S. Atomic Energy Commission . . . the Oak Ridge Gaseous Diffusion Plant, the Paducah Gaseous Diffusion Plant, the Oak Ridge National Laboratory and the Oak Ridge Y-12 Plant.

Hibbs, who has been associated with the nation's nuclear energy program since 1943, helped organize the first production analytical laboratory at Y-12 and pioneered in the development of precise chemical and isotopic analytical methods required in this new field.

He became one of the early mass spectrometer specialists and soon advanced to the position of Laboratory Division superintendent. He was one of the leaders in developing enriched uranium preparation from batch to continuous processing, a highly complex activity, and in making this technology available to industry.

Because of his outstanding capabilities, both in technical and administrative fields, Hibbs advanced rapidly to positions of increased responsibility, and was named superintendent of Y-12 in 1962.

In early 1967, he was named manager of production for the Nuclear Division and six months later was appointed vice president in charge of production.

A native of St. Louis, Missouri, Hibbs received his bachelor's degree in chemistry from Eastern Illinois State University, following which he joined Tennessee Eastman Corporation in Rochester, New York. He transferred to Y-12 in Oak Ridge in June, 1943, joining Union Carbide when management of the Y-12 Plant was assumed by the corporation in 1947.

Hibbs is a member of numerous professional organizations, including the American Chemical Society and the American Association for the Advancement of Science. In addition, he has been active in Oak Ridge civic affairs and is a member of the board of directors of the Appalachia Education Laboratory.

Mrs. Hibbs is the former Mary Jane Aland, and they live at 502 Michigan Avenue, Oak Ridge. They have eight children.

Advanced Degrees At UT See Hulsey With PhD; Turner An MS

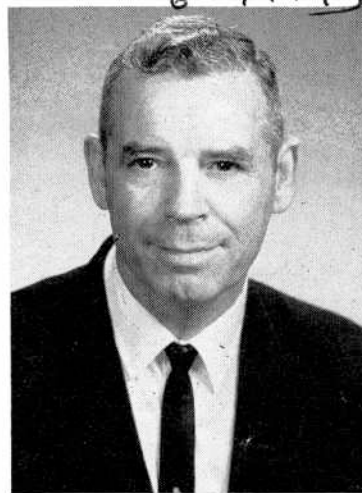


William J. Hulsey

The Development Division, particularly in Metallurgy, gave itself an education boost with the June 10 graduation ceremonies at The University of Tennessee. William J. Hulsey was awarded a PhD in metallurgical engineering . . . Paul W. Turner was presented an MS in the same field.

Hulsey, who came to Y-12 shortly after his graduation from the University of Kentucky, August 25, 1958, is a native of Owensboro, Kentucky. In 1963 he took an MS from UT . . . after extensive extension work . . . now after more extensive work he has earned the epitome.

Bill is married to the former Carol Jean Johnson . . . and they have four children, Daniel, Keith, Michael and Linda. He is an avid sportsman . . . a sailing enthusiast and plays classical guitar. They attend the First Baptist Church, Oak Ridge, where Hulsey is a deacon.



Paul W. Turner

Paul W. Turner was another metallurgical development man to receive an advanced degree at UT last month. Paul was presented his MS in metallurgical engineering. He came to Y-12 June 20, 1960 after working abroad . . . with the Iranium Oil Exploration and Producing Co. in the Near East.

He holds a BS degree in metallurgy from Purdue University and was awarded an MS degree in

Continued on Page 4

Badge Swapping Ends Today, On 11 p.m. Shift

Badge exchange ends today Wednesday, July 16. No old yellow-bordered badges will be honored at the portals after tonight's 11 p.m. shift comes on.

If you have failed to swap your badge by now . . . you'll have to go to Badge and Pass, Building 9704-2, to do so.

SAFETY SCOREBOARD

The Y-12 Plant Has
Operated
233 Days Or
7,530,000 Man-Hours
(Unofficial Estimate)
Through July 13
Without A Disabling Injury
SAFETY AT HOME,
AT WORK, AT PLAY

No Bulletin . . . News Of Next Week

Regular publication will resume on Wednesday, July 30.

The Bulletin

Published Weekly For The
Y-12 Employees Of
UNION CARBIDE
CORPORATION



NUCLEAR DIVISION

JAMES A. YOUNG Editor

Member Appalachian
Industrial
Editor's
Association

American Association Industrial Editors

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E. Rodgers' Rites Held In Kingston

The Maintenance Division mourns the death of Eustice Rodgers, longtime Y-12er, who died Tuesday, July 8.

Mr. Rodgers came to Y-12 more than 26 years ago, and worked as a laundry foreman, custodial foreman, and a foreman in buildings and grounds. He was a member of the First Baptist Church, Kingston.

The Rodgers home is in Kingston. Mr. Rodgers is survived by his wife, Mrs. Ruth Rodgers; three children, Jimmy Rodgers and Mrs. Betty Dawn Ford, Columbia; and a step-son, Meb Ausban, Knoxville; five grandchildren; his mother, Mrs. E. H. Godwin, Sparta; and three brothers, Milburn, Smithville; Ernest, Sparta; and Earl Rodgers, Cleveland, Ohio.

Funeral services were held Thursday, July 10, at 5 p.m. in the First Baptist Church, Kingston. The Reverend Louis Bratcher officiated. Interment followed in the Memorial Gardens at Kingston.

Sincere sympathy is extended the Rodgers family.



Riders wanted from Miller Town Pike, or Fountain City area, Norwood, to any portal, straight day. F. E. Clevenger, plant phone 3-5095, home phone Knoxville 522-7393.

One carpool member wanted from Norwood area, Knoxville, to North, Central or Bear Creek Portal, straight day. E. C. Keith, plant phone 3-5698, home phone Knoxville 689-2229.

Riders wanted from Roane Hosier Area, Harriman to any portal except Bear Creek, straight day. Jerry Peddicord, plant phone 3-5068.

Ride wanted or will join car pool from 127 California Avenue, Oak Ridge, to North Portal, straight day. J. B. Stephens, plant phone 3-5413, home phone Oak Ridge 482-2303.

Mellon's McCarthy Is Guest Physics Speaker

R. J. McCarthy, Carnegie-Mellon University, will lead this week's Physics Division seminar. His subject will be "Some Recent Nuclear Matter Calculations."

The seminar is set for Friday, July 18, at 3:15 p.m. in the East Auditorium of ORNL's 4500 building.



NEWLY REGISTERED PROFESSIONAL ENGINEERS were honored at the June meeting of the Oak Ridge Chapter of the Tennessee Society of Professional Engineers. A record number of 16 Union Carbide engineers received their certifications. They are, from left, Richard F. Wolney, Harmon G. Smith, Martin M. Brown, George R. Jasny, Francis

Davis, James P. Kois, Leslie E. Johnson, Joseph A. Kowalewski, Leonard A. Abbatiello, Paul R. Kasten and Charles R. Schmitt. Not pictured are James S. Arrington Jr., James T. Blackman Jr., Edgar H. Bryant, Charles E. Knight Jr. and Donald D. Cannon. Many engineers in Y-12 are certified by other states.

TSPE Honors Record Number of Certified Engineers

F. S. Patten, design engineering superintendent in Y-12, and vice president of the Oak Ridge chapter of the Tennessee Society of Professional Engineers, recently presented certificates to 16 Union Carbide engineers, certifying them as registered professional engineers.

Sylvan J. Cromer, director of engineering at the Nuclear Division's production plants, spoke briefly on uranium mining and processing.

The newly registered engineers can be justly proud of their achievement. The certificate testifies to their academic background and their successful practice necessary to be declared as professional engineers.

Union Carbide Corporation can also be proud of their engineers, and in the fact that furthering their education and professional standings are always foremost in the minds of TSPE members.

The 16 engineers were:

Leonard A. Abbatiello . . . a 1961 graduate of UT in mechanical engineering . . . a former U. S. Army officer. He has been employed by Union Carbide since 1963 and is currently a group leader in the fabrication systems development department in Y-12's Development Division. He is currently working toward a master's degree at UT.

James S. Arrington . . . a 1964 graduate of the University of Tennessee in mechanical engineering. He has been here since 1966 . . . a design engineer in the Tool Engineering Department of Y-12's Engineering Division. He is currently working toward an advanced degree at UT.

James T. Blackmon Jr. . . . attended the University of Mississippi and UT. He has been employed here since 1952 and is an engineering design specialist in the Engineering Mechanics Department of Engineering. He has a national reputation in the field of fire protection, chairing committees and writing and editing national fire protection and safety standards.

Francis C. Davis . . . a 1954 graduate of the University of Vermont with a degree in mechanical engineering. He has been in ORNL since 1960, is currently a design engineer in the Nuclear Equipment Design Department of the General Engineering Division.

Is working on advanced degree at UT.

Martin M. Brown . . . a 1962 graduate of UT in mechanical engineering. Came here 1967 . . . currently a group leader in the Tool Engineering Department of the Engineering Division.

Edgar H. Bryant . . . A 1962 graduate of UT in mechanical engineering, has been here since 1962. A section leader in Tool Engineering Department, Engineering Division, Y-12.

Donald D. Cannon . . . graduated from UT in 1959 with a BS in mechanical engineering. Employed by ORNL then . . . a graduate of the Oak Ridge School of Reactor Technology. He is design engineer in the ORNL Engineering Division, and is currently working on an MS at UT.

Charles E. Knight . . . a 1964 graduate of Tennessee Technological Institute in mechanical engineering . . . awarded an MS degree in Engineering Mechanics from UT in 1967 . . . doing graduate work leading to a PhD degree in Engineering Mechanics. Here since 1964 . . . currently a development engineer in the Fabrication Systems Development Department.

Dr. Paul R. Kasten . . . holds a BS and MS degree from the University of Missouri and a PhD in chemical engineering from the University of Minnesota. Since 1950 he has been a staff member at ORNL working in the fields of reactor physics, engineering research, reactor analysis and reactor evaluation. In 1963 and 1964 he was guest director of the Institute for Reactor Development at Julich, Germany. Since 1965 he has been a part-time Ford Foundation Professor of Nuclear Engineering at the University of Tennessee. From 1965 to present he has been associate director of the Molten Salt Reactor Program at ORNL.

George R. Jasny . . . a 1948 graduate of the University of Washington in chemical engineering; and a 1950 graduate of the Massachusetts Institute of Technology in chemical engineering. He has been employed by Union Carbide in Y-12 since 1950 . . . and has held a variety of management positions of increasing responsibility in Development, Production, Quality Control and Engineering. Is the author of a

number of classified papers. Currently is chief engineer in Y-12 and project administrator of a \$175,000,000 capital expansion project.

Harmon G. Smith . . . a 1952 graduate of Georgia Institute of Technology in electrical engineering. Here since 1952 . . . is currently superintendent of the electrical engineering department, Engineering Division.

Leslie E. Johnson . . . a 1962 graduate of the University of Tennessee in mechanical engineering. Here since 1967, currently a design engineer in the Tool Engineering Department.

Joseph A. Kowalewski . . . a 1958 grad of the University of Kansas in electrical engineering. Came here in 1966, currently a design engineer in the Instrument Engineering Department.

Charles R. Schmitt . . . a 1941 graduate of Queens College, New York. Came to Oak Ridge with the U. S. Army during the war, and has worked as a technical engineer at ORGDP and Y-12. Recognized specialist in the field of water analysis and treatment. Currently a supervisor in the Chemistry Development Department of Y-12's Development Division.

Richard F. Wolny . . . a 1960 graduate of the General Motors Institute in mechanical engineering and a 1962 graduate of Texas A & M with an MS in physics. Has taught physics at Memphis State University as an assistant professor . . . currently an engineer in ORNL's Physical and Electrical Standards Laboratory.

The June meeting of the Oak Ridge chapter was devoted to recognizing the newly registered engineers.

Y-12's George Jasny was a panelist at the state meeting of the TSPE held in Nashville in June. Jasny discussed "What Management Expects of the Engineer in Industry."

EYE TO THE FUTURE

Youngsters interested in science can now carry out a series of nuclear experiments in high school laboratories with a minigenerator that produces instant radioisotopes. A chemical manufacturing firm developed the miniature generator because it was "interested in the education of young people for tomorrow."



SYLVAN J. CROMER, director of engineering for the Production Plants of the Nuclear Division, spoke to the Oak Ridge Chapter of TSPE on uranium mining and processing.

Melon Cutting Planned Sunday

That alphabet-soup group is at it again! E, F, G, H and J Shiftmen are hard at work planning a big Watermelon Cuttin' this coming Sunday, June 20.

The big melons will be rolled out at 6 p.m. at the Clark Center Recreation Park.

All Y-12ers and their immediate families are cordially invited out to eat the free melons . . . and enjoy the warm summer breeze. Just bring your badge along to prove you're here!

DOUBLE PLEASURE

Seen on a bulletin board! 'Double your pleasure . . . double your fun. Xerox your paycheck!'

4 Teams Tied For Melton Lead

John Baker, Frank Tuck and Mack Wright took honors in the Melton Hill Golf League last week each firing a 38 score. Ray Ellis came in low with a 34 handicap tally.

Posting six points were Parker-Parrott over Butler-Wright . . . Butler-Wright won four from Wyrick-Sherrod and six from Riggs-McElroy. Sherrod-Wyrick took six from the Sewells and Alvey-Cantrell also posting a sweep over Gordon-Loupe.

Taking five were Stinnett-Hill over Nixdorf-Holdaway. And four point wins went to Tuck-Wetzel over Winstead-Ferguson . . . Gresham-Brown over Clabough-Tiller and Butler-Waldrop over Morehead-Poly. Baker-Emery shared three with Redding-Dunaway.

League standings follow:

Team	W	L
Baker-Emery	33	15
Parker-Parrott	33	15
Tuck-Wetzel	33	15
Butler-Wright	33	15
Riggs-McElroy	28	20
Sherrod-Wyrick	28	22
Alvey-Cantrell	26	22
Sewell-Sewell	25	23
Clabough-Tiller	24	24
Sise-Ellis	21	27
Redding-Dunaway	21	27
Gresham-Brown	21	21
Ferguson-Winstead	20	28
Morehead-Poly	20	28
Nixdorf-Holdaway	20	28
Stinnett-Hill	17	25
Butler-Waldrop	15	33
Loupe-Gordon	10	38

Recreation



Sunday, July 20

SKEET TOURNAMENT: 1 p.m. Oak Ridge Sportsmen's Association.

WATERMELON CUTTIN': 6 p.m., Clark E. Center Recreation Park . . . E, F, G, H and J-Shift sponsored. All Y-12ers welcomed with their families.

Monday, July 21

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. J-Birds vs. Beta 2 Miners; Bat Boys vs. NC Squad; Buccaneers vs. K-25 Gashouse Gang.

VOLLEYBALL: 7 p.m. Informal Play. New Jefferson Junior High School Courts.

Tuesday, July 22

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. Beta 4 Astros vs. 69ers; Braves vs. Show Ups; Big Shops vs. Eagles.

PHYSICAL FITNESS (For Men): 7:30 p.m. Oak Ridge High School Gym.

WHITTLES GOLF LEAGUE: After Work, Whittle Springs Golf Course, Knoxville.

Wednesday, July 23

MELTON HILL GOLF LEAGUE: After Work, Melton Hill Golf Course, Clinton.

VOLLEYBALL: 7 p.m. New Jefferson Junior High School Courts.

Thursday, July 24

SOUTHWEST POINT GOLF LEAGUE: After Work, Southwest Point Golf Course, Kingston.

SOFTBALL LEAGUE: 6:15, 7:30, 8:45 p.m. Pinewood Park. A Wingers vs. Colts; Go Go Gophers vs. All Stars; Yankees vs. Y-12 Snakes.

PHYSICAL FITNESS (For Men): 7:30 p.m. Oak Ridge High School Gym.

HORSESHOE LEAGUE: 7 p.m. City Courts, Jackson Square.

Case-Allmon Take Bare Horseshoe Lead

Case-Allmon put Durham-Harness down for seven in the Horseshoe League . . . and D-H defeated Raper-Luckett by the same score. Gray-Copeland posted seven at the expense of Wyatt-Wagner.

Reed-Stephens grabbed six points from Raper-Luckett.

League standings follow:

Team	W	L
Case-Allmon	21	6
Durham-Harness	22	14
Reed-Stephens	17	10
Raper-Luckett	17	19
Wyatt-Wagner	14	13
Gray-Copeland	14	13
Helms-Fowler	5	15
Gossage-Norris	0	18

Tee-Off Time Application For Niota Golf Tournament

Saturday, July 26

Foursome

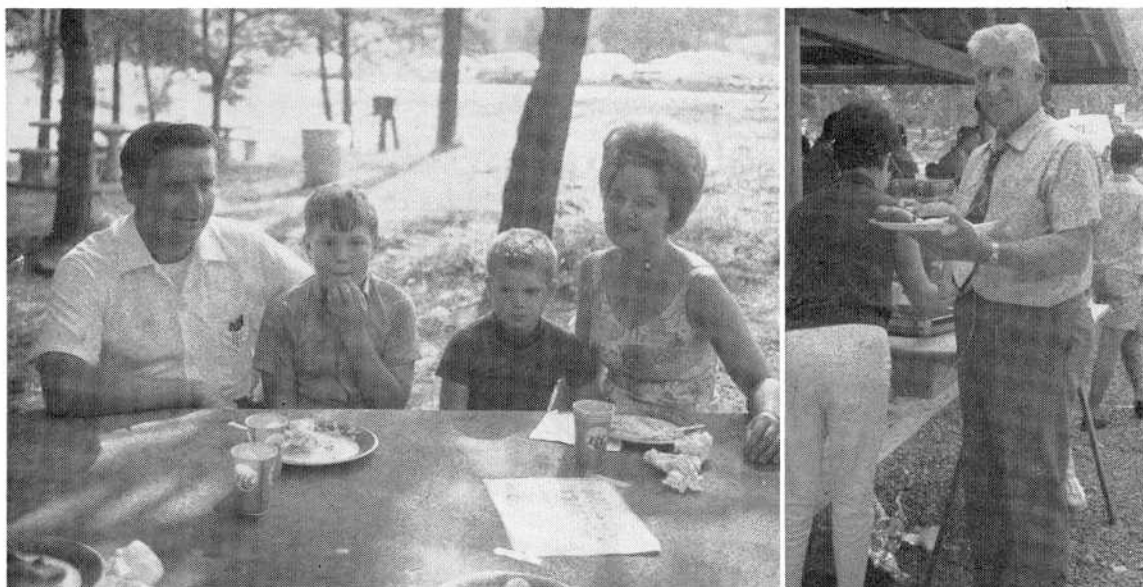
_____, Leader

Leader's office phone _____

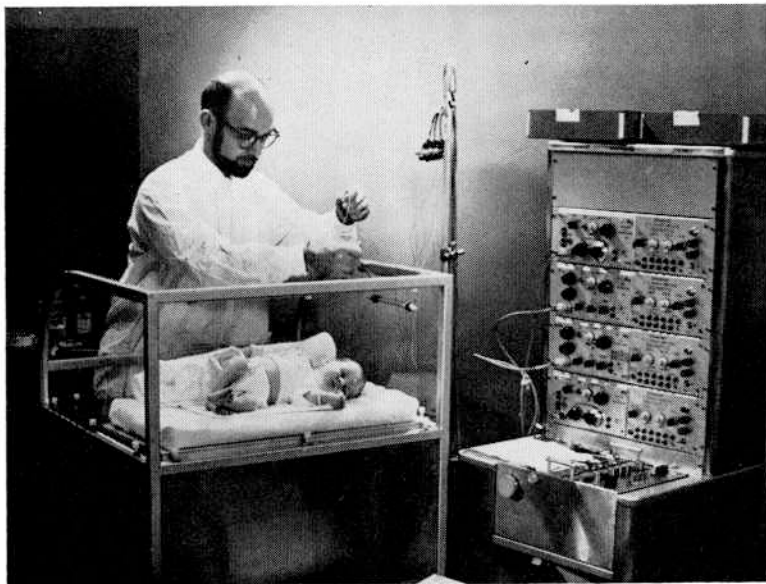
Home phone _____

Tee-off Time Preferred _____

Fill out completely and return to the Recreation Office, Building 9711-5. Deadline for entering is 4:30 p.m. Wednesday, July 23. Tee-off times will be drawn the next day, Thursday, July 24 at 8:30 a.m.



THE ANNUAL FAMILY PICNIC staged by the Electrical and Electronics Department was held Saturday, June 28, at the Clark Center Recreation Park. A total of 415 employees and their families came out to enjoy hamburgers, hot dogs and all the trimmings.



SLEEP EXPERIMENT . . . The electrical activity of a baby's brain during sleep is monitored by attaching electrodes to the head in order to determine if babies sleep differently from adults. Dr. James Minard, at the University of Pittsburgh, will conduct one of a group of investigations into the scientific understanding of sleep in 'The Sleepwatchers' episode of the '21st Century' program Sunday, July 27 at 6 p.m., EDT, in color on the CBS Television network. The program is carried here by WBIR-TV, Channel 10. CBS News Correspondent Walter Cronkite is principal reporter for the series which is sponsored in the public interest by Union Carbide Corporation.

'Sleepwatchers' 21st Century Subject Sunday, July 27, No Show This Sunday

New investigations by scientists to find out what really happens during sleep will be reported in "The Sleepwatchers" episode on "The 21st Century" Sunday, July 27, at 6 p.m., EDT, in color on the CBS Television Network. "21st Century" will be preempted this coming Sunday, July 20. CBS News Correspondent Walter Cronkite is principal reporter for the series which is sponsored in the public interest by Union Carbide Corporation. The highly praised television program is carried here by WBIR-TV, Channel 10.

"The 21st Century" will examine the efforts of today's scientists to probe and monitor the electrical and chemical characteristics of sleep. Measurements of the brain waves filmed in the actual process of sleep will be monitored by an electroencephalograph, an EEG, attached to the sleeper's scalp.

Investigation will demonstrate that there are five stages of sleep, each having distinctive characteristics. Viewers will be able to witness the five stages of sleep.

The sleep patterns of chronic sleepwalkers, sleep talkers and mentally ill subjects will be examined as well as the possibility of varying the stages of sleep through the development of a new group of neurochemicals.

"The Sleepwatchers" was writ-

Goss-Stanton Pace SW Point Greens

The Goss-Stanton pair dominated the Southwest Point Golf League last week . . . taking low scores . . . plastering their opponents for six points, and tightening their grasp on the league's lead.

W. B. Goss scored a 40 for the low scratch score of the day . . . and their handicap scores of 36 were low (his and B. B.'s.)

Other contests saw the Jones-Morgan pair take four from Smith-Henderson, and Mee-Wright trim the same number from Argo-Groppe.

League standings follow:

Team	W	L
Goss-Stanton	37	11
Jones-Morgan	34	14
Smith-Henderson	24	24
Mee-Wright	20	28
Bolt-Bush	18	30
Argo-Groppe	11	37

ten by Judy Towers. Fred Warshofsky is science editor of "The 21st Century," Isaac Kleinerman producer and Burton Benjamin executive producer.

"The Sleepwatchers" Sunday, July 27, "The 21st Century", 6 p.m. EDT, on WBIR-TV, Channel 10.

Vanstrum . . .

Continued from Page 1

A recipient of the E. O. Lawrence Memorial Award from the U. S. Atomic Energy Commission, Vanstrum was presented with the Outstanding Achievement Award of the University of Minnesota's Technology Alumni Association.

A native of Minneapolis, Minnesota, Vanstrum received his BS degree in chemical engineering from the University of Minnesota. He was employed by Union Carbide following graduation.

On Education Board

A Fellow of the American Institute of Chemists, and a member of the American Association for the Advancement of Science and the Research Society of America, Vanstrum is active in community affairs here. He is a member of the Oak Ridge Board of Education.

Vanstrum and his wife, the former Kathleen Johnson, live at 104 Ogden Lane, Oak Ridge. They have three children.

Advanced Degrees . . .

Continued from Page 1

welding engineering from Ohio State University.

For his thesis at UT, Turner used the subject "Effect of Iron on Fissuring of Uranium Weld Metal."

Mrs. Turner is the former Delena June Smith . . . and the couple lives at 108 Poplar Road, Oak Ridge. They have two children . . . Jimmy and Linda. Turner admits to a weakness for the links . . . says golf is his favorite avocation.

A salute to Y-12's post-graduate graduates for June!

Both heartily endorse the merits of Carbide's Education Assistance Program.

Your luck can run out in an unguarded moment.



The good ole summertime rolls on . . . as more Y-12ers mark special days during the next couple of weeks. Congratulations to the following Union Carbide Corporation veterans.

25 YEARS

James C. Parker, Casting Department, July 19.

Earl J. Panter, Research Services, July 19.

James H. Patrick, Dispatching Department, July 19.

Esker L. Bailey, Receiving Department, July 25.

John A. Bradshaw, Graphite Shop, July 27.

James W. Jackson, Special Services, July 27.

Gilbert E. Berney, Buildings, Grounds and Maintenance Shops, July 28.

Fesington C. Lowry, Dispatching Department, July 28.

Agnes F. Johnson, Production Assay, July 28.

Grady E. Simpson, Fire Department, July 28.

John R. Carriger, Electrical and Electronics Department, July 29.

20 YEARS

William E. Belvin Jr., Dispatching Department, July 27.

15 YEARS

Vaughn W. Reece, Process Maintenance, July 19.

Hollis L. Ashburn, Machine Maintenance, July 19.

Erslide Collins, Process Maintenance, July 19.

John N. Turpin, Alpha Five Processing, July 20.

C. P. Tudor, Tool Engineering, July 20.

Tom Asbury, Electrical and Electronics Department, July 20.

Roger D. Winkels, Area Five Maintenance, July 20.

Idus T. Littleton, Environmental Control Engineering, July 21.

Lake E. Patterson, Buildings, Grounds and Maintenance Shops, July 21.

Kenneth E. Russell, Utilities Administration, July 21.

Hoyt E. Moore, Process Maintenance, July 21.

Glenn R. Easter, General Metal Fabrication Shop, July 22.

Lawrence V. Mowell, 9215 Rolling Department, July 23.

William J. Yaggi, Development Operations, July 26.

Thomas E. Walsh Sr., Electrical and Electronics, July 26.

Chester Yeary, Machine Maintenance, July 26.

Robert E. Thornton, Production Analysis, July 26.

James C. Anderson Jr., Data Processing, July 26.

James W. Harless, Chemical Services, July 28.

Edwin R. McCulloch, Chemical Services, July 29.

10 YEARS

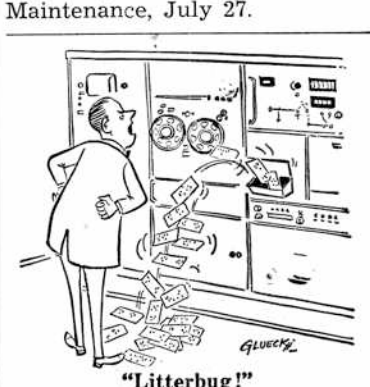
Charles W. O'Dell, Beta Four Heavy Machine Shop, July 20.

Charles T. Gentry, A-2 Shops, 9212, July 20.

Ray E. Hester, Physical Testing, July 27.

N. B. Beason Jr., Alpha Five East Shop, July 27.

Stanley R. Minge, Machine Maintenance, July 27.



"Litterbug!"



UNION CARBIDE CORPORATION

NUCLEAR DIVISION

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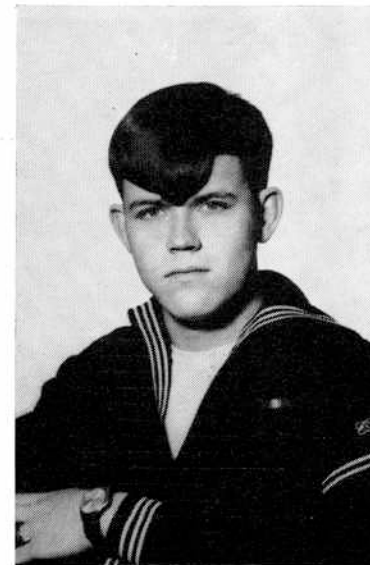
Conn Son Earns Navy Promotion

Larry Conn, son of Mr. and Mrs. Jack Conn, Route 17, Knoxville, has been promoted in the U.S. Navy to an electronics technician third class. The promotion was effected April 16.

Larry has been in the Navy two years. He graduated from Karns High School in 1966 and attended Tennessee Technological University before entering the Navy. He is serving aboard the USS Compass Island, out of New York.

In the official notification of the advancement to the parents, Larry's commanding officer wrote: "This advancement from non-rated status to petty officer carries, in addition to the increased pay and prestige, a significant increase in responsibility and in trust . . . Should you have the opportunity to visit your son in New York, please feel welcome to come aboard and visit the COMPASS ISLAND."

Jack Conn is in Y-12's Fabrication Division Engineering.



ET-3/C Larry Conn

Swedish Plant To Be Expanded

Plans for an expansion of the low density polyethylene plant of Unifos Kemi AB in Stenungsund, Sweden, were announced recently by Birny Mason Jr., chairman of the board of Union Carbide Corporation. Expected to be completed later this year, the expansion will increase the plant's capacity from 180 million to 220 million pounds a year. Unifos Kemi is owned jointly by Union Carbide and Fosfatbolaget Aktiebolaget of Stockholm.

In making the announcement, Mason stated that this is the fourth expansion since the plant was completed in 1963. With the present expansion, total annual capacity will be over six times what it was when it went into operation and the plant will be capable of meeting over 50 per cent of the present total demand for low density polyethylene in Scandinavia.

Low density polyethylene is used principally in the packaging field for film, bottles, and coating of paper and board. Also, it is used widely in cable insulation, pipe, and molded products. The market for the product has grown at a rate exceeding 20 per cent a year for the past several years and is expected to continue to grow at a similar rate. In Scandinavia, the per capita use of products made from low density polyethylene is the highest in the world. Unifos has contributed to this excellent growth through the application of its own advanced technology to customer needs and in the development of new areas and markets for products.

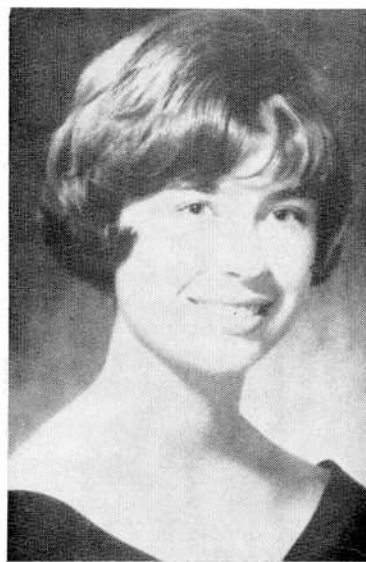
ATTAINABLE GOOD . . .

'It is common to overlook what is near, by keeping the eye fixed on something remote. In the same manner, present opportunities are neglected, and attainable good is slighted by minds busied in extensive ranges and intent upon future advantages . . . Samuel Johnson.

WHAT IS FLATTERY?

Flattery is sorter like perfume. You smell it, enjoy it, but never swallow it!

Top Ten Percent Of High School!!



Carolyn Jane Mustin

Despite the fact that she attended schools all over the world (or perhaps because of it) Carolyn Jane Mustin ended up in the upper ten per cent of her class, graduating from Warner Robins (Georgia) High School, (21 out of 279).

Carolyn attended high school in her freshman year in Tokyo, Japan; sophomore and junior years at Wahiawa, Hawaii, and her senior year at Warner Robins. She was an honor student all through school.

Carolyn's father, Senior Master Sgt. Charles R. Mustin is serving a tour of duty currently at Warner Robins.

Her proud grandparents, Mr. and Mrs. Richard M. Mustin, live at 422 Jefferson Avenue, Oak Ridge. Mustin is in Y-12's Chemical Services.

The graduating senior is going to attend the LaSalle School and plans a career in interior decorating.